



Here is a delightfully inconsequential item from the Jason A. Hannah Collection of some 3000 ancient medical tomes, some dating back to 1525 A.D. The Collection has been presented to the Thomas Fisher Rare Book Library by Associated Medical Services Inc. to commemorate the pioneering contribution of Dr. J.A. Hannah to the development in Ontario of Canada's first non-profit prepaid health insurance plan. Sections from the collection will be on show to the public in the Fisher Library each weekday from 9 a.m. to 5 p.m. until April 15.

UTFA council 'demands' action on safeguards for free discussion

The Council of the University of Toronto Faculty Association on March 14 by unanimous vote adopted the following resolution:

"Whereas, during the visit of Professor Edward Banfield to the University of Toronto on March 12 and 13, President John Evans and his administration failed, despite explicit advanced warning, to use their constituted authority to secure Professor Banfield's right to speak and be heard without molestation, and whereas in his letter to faculty members of March 14, President Evans did not accept clear responsibility for this failure or give assurance of taking vigorous action in future, the Council of the University of Toronto Faculty Association demands the following:

"(1) That President Evans issue an explicit statement of the right of free discussion in orderly assembly of any academic question on this campus, such freedom being utterly essential to the life and purpose of this, or any, University;

"(2) That President Evans accept responsibility for using all his lawful authority in future to secure such free discussion;

"(3) That President Evans make public the progression of steps his office will use to secure such free discussion, including the issuance of preliminary warning, of lawful orders to disperse or to

cease molestation, of identification and prosecution under the disciplinary authority of the Caput of those who disobey such lawful orders, and of use of the civil authority if necessary;

"(4) That President Evans give assurance that officers of the University acting under his authority wholeheartedly endorse the principle mentioned in (1) above and the procedures he describes under (3) above;

"(5) That President Evans respond satisfactorily to the demands above no later than Friday, March 22, 1974."

Ph.D. Orals

Monday, March 25

Emoke Szathmari, Department of Anthropology, "Genetic Studies in Two Ojibwa Indian Communities in Ontario." Thesis supervisor: Prof. T. E. Reed. Room 107, 16 Hart House Circle. 1.30 p.m.

Wednesday, March 27

Mannohan Khanna, Department of Electrical Engineering, "Sampling and Transmission Policies for Controlled Markov Processes with Costly Communication." Thesis supervisor: Prof. W. M. Wonham. Room 108, 16 Hart House Circle. 2 p.m.

The Governing Council election: 2 members re-elected, 7 are elected and one new alumni representative

The Governing Council election office has announced the results of the mail balloting to fill seven Council seats that fall vacant on June 30.

Prof. John E. Dove polled 75 votes in Teaching Staff Constituency IE and was re-elected. The other candidate, Prof. J. D. Prentice, received 46 votes.

Dr. Margaret W. Thompson won Constituency III (Medicine) with 317 votes, as against the 123 votes cast for Prof. David Tinker.

Two other Teaching Staff representatives won their seats by acclamation: Prof. William B. Dunphy in Constituency IA and Prof. Harold W. Smith in II.

Keith R. Bowler took the Administrative Staff constituency with 804 votes. Other candidates and their total votes were: Edward Beaven, 129; Drew Miller, 254, and John H. Parker, the incumbent, 664.

Kitty Hoffman won Graduate Students' Constituency I. She polled 276 votes compared with 106 for Daisy Perry. There was no election in Constituency II for lack of nominations.

Shirley D. French and Peter Jarrett won the two seats in Full-time Undergraduate Constituency I. French polling 1,072 votes; Jarrett, 955, and Howard Stein, 912. In Full-time Undergraduate Constituency II, Stephen Moses won with

651 votes. The other candidate, Terry Ruddy, received 225 votes. David Shinidman, who received an acclamation, completes the two seat representation in II.

Arlene Dick was re-elected, with 860 votes, and William J. Whelton was elected, with 427, in the Part-time Undergraduate Constituency. Gary Heighington, polled 336 votes.

The number of valid ballots cast was 6,488, and 89 ballots were spoiled and not included in the count.

The alumni College of Electors this week announced its choices for alumni representatives on Governing Council. Gesta (Gus) Abols and William H. Broadhurst return to the seats they have held for the past two years and will be joined by Mrs. Dorothy Walden of Aurora, Ont., who replaces the Rev. Graham Cotter. Mrs. Walden, one-time teacher in food chemistry and household science at U of T, for several years was director of Macdonald Institute at Guelph and until January last was a member of the board of governors of the University of Guelph.

All Governing Council members elected this year, except those in student constituencies, will hold three year terms. Students are chosen annually.

Eight to receive honorary degrees —six this spring, two in the fall

The names of eight persons have been announced who will be awarded honorary degrees by the University in 1974. Six degrees will be conferred at various spring convocations and two will be awarded at the fall convocations. The honorary graduates are:

Dr. Cella France, L.L.D., founder and artistic director of the National Ballet of Canada, Mon. May 27, 2.30 p.m.

Rev. Robert Leslie Rumball, B.A. (U of T), B.D., D.D., minister of the United Church of Canada, named in 1972 Man of the Year by the Canadian Association of the Deaf for his many services to the deaf, Wed. June 5, 2.30 p.m.

Dr. Jean-Guy Sylvestre, B.A., M.A., L.Ph., National Librarian of Canada, author and critic of French-Canadian literature, Thurs. June 6, 10.30 a.m.

Dr. Ian Macdonald, B.A. (U of T), M.A., B.Phil., President-designate of York University, former Dean of Men at University College and member of the U of T Department of Political Economy. He has served as Deputy Treasurer of Ontario and Deputy Minister of Intergovernmental Affairs, Mon. June 10, 10.30 a.m.

John J. Robinette, Q.C., B.A. (U of T), D.C.L., L.L.D., counsel with McCarthy & McCarthy, Toronto and former Treasurer of the Law Society of Upper Canada. He was recently invested as a Companion of the Order of Canada, Tues. June 11, 10.30 a.m.

Dr. Ernesi Situck, B.A., M.A. and Ph.D. (U of T), President of the University of Manitoba. At U of T he served as associate professor of English, a specialist in Milton's poetry, and as Vice-President and Graduate Dean, Tues. June 11, 2.30 p.m.

On Wed. Nov. 27 at 8.30 p.m., two honorary degrees will be presented: Mrs. Winona Grace MacInnis, B.A., Member of Parliament for Vancouver-Kingsway and daughter of James Shaw Woodsword, founder of the Cooperative Commonwealth Federation party, later to become the New Democratic Party.

Prof. Donald G. Creighton, B.A. (U of T), M.A., University Professor and noted

Canadian historian, author of *Dominion of the North: A History of Canada* and numerous other books and essays on Canadian subjects.

'Campus Centre' views invited

Members of the University community are invited to comment on the progress report of the Presidential Advisory Committee on the Implementation of the Proposals Contained in "The Campus as a Campus Centre" Manual, which is on page 2 of this edition of the Bulletin.

In addition, on page 3, there appears a report of the Faculty of Architecture, Urban and Regional Planning and Landscape Architecture which in effect summarizes the original proposals of two years ago.

Comments should be directed to: The Secretariat, Presidential Advisory Committee, the Implementation of the Proposals Contained in "The Campus as a Campus Centre" Manual, c/o Office of the Vice-President, Internal Affairs, Room 143, Simcoe Hall.

Nominations close May 1

The Clarke Institute of Psychiatry Fund announces the closing date for entries in the 1974 annual \$1,000 prize competition open to a clinical or basic scientist who has published a report or dissertation on outstanding research in mental health in the previous year. The scientist must have carried out the work in Canada, while resident in Canada.

Application (or nominations) are to be submitted in triplicate. All entries postmarked on or before May 1 will be considered. Nominations or applications, and requests for further information, are to be forwarded to Dr. R.E. Turner, Clarke Institute of Psychiatry Research Fund, Room 814, 250 College St., Toronto M5T 1R8.

Implementation report of 'Campus as Campus Centre'

The following is the progress report of the Presidential Advisory Committee on the Implementation of the Proposals contained in "The Campus as Campus Centre."

I Terms of Reference

1. To consider and revise where necessary the summary of "The Campus as Campus Centre" proposals as prepared by the Faculty of Architecture in September 1973.
2. To assess community reaction to the principles and general concepts of "The Campus as Campus Centre" scheme.
3. To identify two or three key aspects of the scheme which could be implemented (pending availability of funds) and which could serve as a test of the soundness of the underlying principles.
4. To assess community response to these specific proposals and recommend further action on one or more proposals.

II Membership

T. Buckley, Dean J. Cruise, D. Freedman, Prof. W. Friend, Prof. A. Harrison, Prof. R. Helmstadter, S. Jones, S. Kanowich, J. Lewis, P. Liptak, S. Moses.

III Objectives

The Committee has met six times. The members have reviewed both "The Campus as Campus Centre Manual" and the September 1973 Summary. We are in agreement with the summarized "findings" on duplication of facilities; student life; historical lack of planning; opacity, inaccessibility and rigidity of spaces; and on town and gown problems. While we are in agreement with the Summary's focus on the problems of the south-west campus, we wish to place our selection of priorities against a more comprehensive statement of planning objectives for the campus environment over the next decade. We offer the following as overall objectives:

- (i) The development of a comprehensive long-term plan for the improvement of the aesthetic quality of the campus grounds. It is considered that this can best be served by the effective use of foundation planting and landscaping consistent with the following objectives:
- (ii) The development of a network of walkways and other linkages between the various campus buildings and facilities which will encourage full pedestrian mobility throughout the campus.
- (iii) Improvement of the physical relationships between the University and the surrounding communities. This objective is partially served by objective (ii) but also involves a full consideration of the present roadway system on the campus as well as the public transportation system.
- (iv) Reduction of the opacity of campus buildings and facilities. This involves, where feasible, the utilization of passageways through existing buildings in connection with (ii) above. Where this is not feasible, display cases outside buildings could be encouraged. The purpose is to encourage campus and community awareness of the University and its facilities.
- (v) The expansion of service facilities throughout the campus, either University or commercially-based. Such facilities would again encourage mobility within and integration of the entire campus. The Committee believes that such facilities would also foster better relations with surrounding communities.

The Committee has three preliminary observations on these objectives. First, they were framed with the whole campus in mind, not just our south-west quadrant. Secondly, we think that many specific projects consistent with this proposal can be developed within the framework of the University's annual operating appropriations. For example, objective (i) could be furthered by the development of a continuing series of projects to be carried out by our grounds and landscaping staff. Thirdly, it will be noted that the objectives are not independent but are closely inter-related. It will also be noted that the emphasis on roadways ("linkages") in (ii) suggests close consultation with the local community and co-operation from the appropriate

municipal authorities. This consultation and co-operation is in the Committee's view essential to its progress, and is an area in which the members seek comment, guidance, and assistance.

IV Specific Projects

The Committee has assumed that it has responsibility to discuss projects which probably could not be achieved gradually through annual increments, at least not without major commitments being made by the University community, our Governing Council, and the City of Toronto.

To date such discussions can be classified under four headings:

- (1) internal north-south linkages west of St. George Street;
- (2) enhancement of the immediate environs of Sidney Smith Hall;
- (3) the introduction of commercially-operated service facilities;
- (4) streetscapes.

The Committee does not place a high priority at this time on the construction of the multi-level north-south internal linkages described in "The Campus as Campus Centre" Manual. Although we tend to agree with the Summary's general environmental solution ("To open up the campus by the removal of the walls of its opaque and less accessible, and thereby making the facilities within them available to a wide variety of students as well as to interested Toronto citizens."), we think that the benefits of any internal link in this regard are outweighed by such practical considerations as capital cost, personal safety, security of building contents, and interference with teaching and departmental activities.

The Committee is much more attracted by external and visible projects, ones which would be seen by students and passers-by with excuses to stop and to partake in activities ranging from casual conversation to observation of events to the obtaining of specific services. We have spent some time discussing specific projects such as eating and drinking facilities on the east and west plazas of Sidney Smith Hall, a modular set of service units on Willocks abutting the south side of Sidney Smith, and a number of service units at various campus locations. No one of these proposals has emerged as the top priority project. However, for our hesitation over setting priorities for specific services was that probably no particular set of services would have the transforming effect on the west campus that the Manual, the Summary, and this Committee desire. The only projects which can accomplish this are ones which directly affect our street-level environment. We would like to emphasize, however, that this present hesitation relates to the Committee's mandate to select two or three projects which could be considered for implementation immediately, presumably with the University's limited available funds. Some commercial facilities could be developed immediately without substantial University funding. At this time the Committee would like to take a firm stand on the principle of commercial facilities on campus.

V Service Facilities on Campus

In spite of the fact that the University of Toronto is in the heart of downtown Toronto, the University community is in many ways under-served. In the past there were several facilities in the St. George St. area, but these disappeared when the University took them down to construct new academic buildings. At present the commercial services on campus are the Bookstore, a small Post Office, and a few vending machines. For example, many of us can go to a bank only late on Friday afternoon because there is not enough time during the day to go to one and get back to campus. At the end of the day most people leave the campus immediately because there is nothing to hold them here. Social interactions become minimal and quality of University life suffers. For many people the campus becomes a place of work and little else.

Food services deserve special mention, in terms of quality and hours of operation. The area west of St. George St. is serviced by food outlets such as the cafeteria in the Roberts Library, vending machines in Sidney Smith Hall (common rooms and the A.S.S.U.), the canteen trucks on St. George St., the Huron grocerette (take-out sandwiches), New College cafeteria and vending machines, the cafeteria in the Clarke Institute, and the Faculty Club.

The major problems with the listed services are, for the most part, the poor quality of the food and the fact that most are closed in the evening. The latter problem is a greater burden for the part-time students, as few establishments are open throughout the campus when they have classes. We assume that these problems will be aggravated in the future with the building of the new athletics complex and probably with the permanent location of Woodsworth College. Speaking solely in terms of athletic facilities, we note that pedestrian traffic will increase in the area west of St. George St., thereby increasing the need for good food services with longer hours. If Woodsworth College is located along St. George St., the provision of more attractive food services is imperative.

The St. George-Willocks area is now, and will increasingly become, a very busy pedestrian intersection through which people from all parts of the campus will pass on their way to Sidney Smith Hall, the Roberts Library, and the athletic complex. This could be a prime area for the establishment of a quality food service.

The Committee is of the opinion that in addition to more food services, certain other commercial operations should be permitted on campus in a controlled manner. A bank is a logical choice and others such as a grocerette, a drugstore, coin laundries, a hair stylist, and a post office should be considered.

The Committee wishes to emphasize that these types of operations would serve several purposes. The primary one would be the answering of specific needs of the University community. In addition to providing services, the existence of commercial facilities could help to increase the social interactions at the University, and foster more of a "community" attitude. There would be definite places to go, places to meet and talk, places where people who normally would never come in contact. Creating places where there is something to do would be especially appreciated at night, when the campus now becomes almost devoid of life. Day students might remain on campus to eat at a pleasant restaurant, or drink at a pub, or wait for a friend to arrive a bit earlier, to meet friends, or buy some items at a drug store.

At the same time, commercial facilities could help blend the University more into the city fabric. People in the surrounding community might be attracted to the University, and we feel that both the University and the community would benefit from this interaction.

Making the campus livelier and more attractive at night might even ease security problems, which are becoming increasingly serious.

The Committee is aware of several traditional arguments against the provision of anything but the bare minimum of service facilities on-campus, but thinks that legal advice and the maintenance of good relations with our municipal government will solve these potential difficulties. We realize, for example, that the introduction of commercial facilities raises the question of taxes, but think that we would not be affecting the University's financial status since only facilities needed by the present University community are being anticipated. Of course, taxes on individual operations would have to be carried by users. We are also aware that the campus is not zoned for commercial use and that a change in zoning-by-laws might have to be negotiated with the City. We see no reason why this cannot be done and, in fact, hope that our municipal representatives will be sympathetic towards changes that could make the University a warmer, more human place.

The Committee is concerned about the cost to the users of new commercial facilities. We therefore suggest that any

net profit derived by the University should be used to subsidize services which might otherwise be too expensive. This might be particularly important in the consideration of quality food services.

VI Streetscapes

Three streets - St. George between Bloor and College, Huron between Harbord and Russell, and Willocks between Spadina and St. George - are central to the University's future planning. Until these streets are dealt with, the west campus will be essentially unchanged. St. George St. can be dealt with separately from Huron and Willocks, but a master plan for all three should be developed now and agreement reached on it with the City of Toronto.

It should somehow be made clear to motorists and pedestrians alike that they are entering a campus. Ways that this kind of signal might be achieved - through gates, or at least gateposts, say, at Bloor and St. George; burying of hydro wires; a reduced speed limit; a narrowing of St. George south of Bloor to the same width as above Bloor, and perhaps making it "sinuous and undulating" to discourage speed, provide more interesting green space, and foster pedestrian movement within and onto the campus.

Parking considerations cannot be ignored. The three streets concerned serve in part as limited parking lots now. Any Huron/Willocks intersection development would eliminate a sizeable parking lot. When reminded that the proposed Innis and Athletic construction will mean the further loss of parking space, members agreed that should replacement facilities be needed they should not conflict with our overall aesthetic objectives, even if this means placing them below grade. The Committee was not unaware of the costs involved and the inevitability of passing these on to the users.

The proposed intersection of Huron/Willocks intersection in the Manual merits close study as an initial project, although the Committee thinks that the development of better food services, the provision of a banking facility, and the overall improvement of our streets are of equal importance. We are, however, attracted by the suggestions in the Manual for the Huron/Willocks intersection and would add that such a development should be linked to the "greening" of Huron St. and perhaps crossing to vehicular traffic of Willocks St. between Huron and St. George.

There should be considerable informal dialogue, particularly with University groups in affected areas, neighbourhood groups, and with local aldermen, before any sort of final recommendations are made with regard to streetscapes. In addition, the Committee should know, and know fairly soon, the appropriate authorities concerned with requests for altering St. George, Huron, and Willocks Streets. Before any formal approaches are made the University should know what it wants and then present its proposals as attractively as possible to community and municipal bodies. New plans for the utilization of these roadways could be linked with development of the area as a whole, and these plans should be attractive to the public and to the city authorities.

VII Implications

In suggesting that a master plan for our streetscapes be prepared as our next step the Committee is admitting that it is still one step removed from recommending absolute priorities for any capital funds which the University can use for the improvement of the campus environment. Our four initial proposals are: 1) The general aesthetic improvement of the campus; 2) The specific improvement of St. George, Willocks and Huron Sts.; 3) Additional service facilities, such as a new restaurant and a bank; 4) The detailed development of the Huron/Willocks intersection. A master plan, prepared with professional assistance will tell us how these four projects might relate to each other. In the course of such planning we will also discover whether the City and Metropolitan Toronto will permit the kind of changes in St. George St. that we outline in Section VI. Until we produce such a plan and consult municipal author-

(Continued on Page 3)

The architects' review of 'Campus as Campus Center'

The following is the summary of "The Campus as the Campus Centre" Phase II, dated Sept. 11, 1973, prepared by the Faculty of Architecture, Urban and Regional Planning and Landscape Architecture.

Preamble

In order to derive maximum benefit from the imaginative ideas expressed in "The Campus as the Campus Centre" Manual, we would urge that this summary be circulated as widely as possible on campus and through the University's publications. Ideally it should be read in conjunction with the Manual because it was impracticable to reproduce here even a small selection of the drawings and photographs included in that document.

We would emphasize that the understanding, agreement, and participation of all concerned - especially of the deans, directors and academic staff of the divisions most directly affected - should be sought without delay, and informed discussion would now seem to be essential if any progress is to be made.

It would be necessary, too, for the Governing Council and the University administration to consider the implications of converting the present campus into an almost wholly pedestrian precinct with a greater involvement of commercial and community interest.

Quick results should neither be advocated nor expected. One of the attractions of the project as presented by the team in 1971 was that it could be implemented in stages and smaller or more ambitious elements constructed as the need arises and financial resources become available. However, agreement on the broad general principles of movement and accessibility will be essential to the realisation of the overall project. The impact of the proposed changes on the surrounding community, and public planning ambitions for the area, must be fully appreciated - but this is, or should be, perfectly normal in a project of this kind.

Summary of Manual

In May 1971 the Students' Administrative Council approached Prof. Prangnell, chairman of the Department of Architecture, to make suggestions and prepare recommendations for a campus centre for the University. The idea of locating a site and constructing on it a campus centre building or students' union, had been taken up and put aside by the council on numerous occasions for over a decade, but the continuing lack of a centre in an educational institution of the size of the University of Toronto prompted the council in 1971 to explore the idea again.

Prof. Prangnell appointed a colleague, Douglas Ennis, to select and head a team of five architecture students to study the problem during the summer of 1971 and make proposals for the design of such a centre. Two dozen part-time and volunteer workers assisted them. In the fall, after conducting an exhaustive investigation of the existing campus and satellites (Erimdale and Scarborough) as well as of student life on campus, the team made a firm recommendation in the present proposal, that there should not be a new campus centre building, but rather that the existing campus should be improved and modified in subtle ways so as to eliminate the need for a separate centre. They proposed developing the present campus into a more fertile educational and social terrain, or setting, and so coined the phrase "the Campus as the Campus Centre".

To support their findings and suggestions, the team produced a detailed manual of 88 pages, including 125 photographs, 55 architectural drawings, and a map about three feet square which pinpointed every facility on the campus, from eating places to pianos to free telephones. In spite of the team's well-publicised efforts, two difficulties emerged: the manual was too costly for wide distribution and its architecturally ambitious layout required some interpretation for the average lay reader. The following shorthand summary of the team's findings and proposals, therefore, may serve the general reader to grasp more quickly the notion of the Campus as the Campus Centre.

FINDINGS

1. Duplication of Facilities

To determine what might go into a campus centre, the team undertook a comprehensive survey of existing facilities on the campus. Once they had produced a large map of the whole campus, broken down room by room, they were able to state with assurance that virtually all those facilities one might envisage for a campus centre - pools, pools, auditoria, lounges, cafeterias, vending machines, television sets, movie projection halls - already existed in abundance on the campus. In fact, these facilities were duplicated again and again. The problem was that the average individual could have no possible way of knowing where they were.

2. Student Life

The next step was to determine who wanted or needed a campus centre. The team selected a representative group of students with widely varying life styles in widely separated academic disciplines and prepared careful photo-essays of the buildings in which these students lived, studied, worked, and relaxed. Two things became clear. First, most students operated within a limited area of the campus and were unaware of even a small percentage of the resources available on the campus as a whole. Second, all the students made frequent use of the city's facilities, and enjoyed doing so. Therefore, there was no reason to believe that there was sense or need in trying to supply in an artificial centre what the students happily got from Grossman's, Massey Hall, the Brunswick, or Chinatown.

3. Historical lack of planning

In text and maps, the team traced the development of the University from 1884 to the present. They found that because of the original college system in the University (where each college was a centre unto itself) and subsequent building-by-building development - not to mention two satellite campuses in Erimdale and Scarborough - the university was already hopelessly multicentred. No single new social centre could possibly claim a central position. The early development did account, however, for the present duplicated and widely-spaced facilities, buried from the eyes of the average student in separate colleges and faculties.

4. Opacity, inaccessibility and rigid inside and outside spaces

Their findings up to this point convinced them that a new, independent gathering-place on the campus - no matter where on campus - was neither needed to supply more facilities of a kind that already existed, nor wanted by students who already had a large city to draw on for their social recreation. The team decided that the obvious solution was not to build a new campus centre and once again duplicate facilities that were already duplicated, but rather to find ways to direct students to the existing facilities and to make them more pleasurable and available to them. Thereupon the team tried to point out those features of the campus as it exists which deter students from making the richest use of a great, varied and resourceful university.

The team indicated three principal deterrents. The first they called *opacity* by which they meant that most buildings in the university (particularly the new ones lining St. George St.) had been created as separate, enclosed entities, unrelated to the buildings or city around them. Hence no person unfamiliar with particular buildings can see or know what is in them. The second deterrent they called *inaccessibility*, by which they meant that the average student could rarely find occasion or excuse to penetrate these opaque barriers and find out what was inside. Hence, a student of nursing might never go in or through the fine arts department, just as an engineering student might never hear a recital in the music department or know that a popular film was being shown free at St. Michael's College. Thirdly, the team found that these conditions were aggravated

by the design of most new buildings, in which rigid differentiation is made between inside and outside space. Few gracefully ambiguous walks or colonnades exist to invite a person from one faculty of the University into another.

5. Town and Gown

Linked to all of these findings was the serious lack of rapport, or intimate association between the University and the surrounding city. Historically, the university developed on near-virgin land, so that unlike Cambridge or Oxford, for example, it never had to insert itself tightly into an already crowded commercial area and interact with that area. As a result, if the buildings of the university to-day are opaque and the resources in them inaccessible to university students, how much more so are they to non-university citizens who have to pass by and around them in their normal life? And how much richer both the university and the city would be if they could easily and reciprocally draw on each other.

6. Analysis and solution

The team therefore decided that a healthy alternative to constructing a new campus centre building was to open up the present campus by making the buildings on it less opaque and less inaccessible, and thereby making the facilities within them available to a wide variety of students as well as to interested Toronto citizens. This proposal would interconnect areas now thoroughly separated and would be conducive to the development of a more fertile social and educational environment.

PROPOSALS

Having made this diagnosis of the existing campus and life on it, the team proposed a solution, or at least the beginning of a solution:

"We have decided to concentrate on St. George St. and the southwest campus because we feel it is the sore spot in the university. The failing of this area is all the more serious because the buildings in it (except for New College) were all built independent of any college, but to be used by all students. In a sense, then, they are the university's community buildings."

"Our foremost proposal, therefore, is a conversion and rehabilitation of the southwest campus."

"We have approached this in the spirit of a reformation project. Recognising that what is there has declined or was insufficient from the start, we have replanted both natural and man-made elements in an attempt to generate a healthy and fertile terrain. We hope this will become a model for the rest of the campus."

Elaborately worked out in a series of 15 drawings and transparent overlays, the basic proposals of the team were:-

1. Make St. George St. into a university city boulevard. They suggested reducing traffic on this city street but not eliminating it. They also suggested incorporating commercial elements (shops, cinemas, cafes) into the boulevard. This would hook the University firmly to the city and also provide urban facilities on the campus, with special thought for the thousands of extension students who arrive at night onto a generally shut-down campus.

2. Utilise land between buildings on St. George St. for arcades to connect the street with sections of the university to the east and the west. These arcades might contain elements which would cater to the population of the university and to Toronto citizens as well: restaurants, shops, banks, theatres, etc.

3. Make part of Huron St. and the adjacent area an extension of the park-commons system of the east (St. George) campus.

4. Introduce new elements on Huron St. Treat the exterior space in order to accommodate a range of meetings and events: a large square, natural amphitheatres, hillocks, a summer terrace etc.

5. To eliminate opacity, integrate new building elements into the existing building; connect and interrelate them by means of bridges, thoroughways, stop-and-go-places.

6. Increase parking on St. George St. The team suggested that implementation of these and similar changes would stop the pattern of isolated, building-by-building development; would intimately link the university to Toronto; would uncover and connect the almost endless resources already available in the University; would promote interchange of students in different disciplines; would enliven campus life and activities; and would begin a new process of dense, interconnected centre.

We would remind the committee of the enthusiasm and optimism that was engendered particularly in the student community when these ideas were presented in 1971, and urge that very serious consideration be given to their realisation.

Thomas Howarth, Dean
Prof. Prangnell, Chairman (Architecture)

Richard Strong, Chairman (Landscape)
Alan Waterhouse, Chairman (Planning)
The summary was prepared by Wayne Lawson.

Implementation

(Continued from page 2)

ities, we will not know whether much capital will be necessary to improve the streetscapes or whether the allowed improvements will be small enough to permit staging on an annual basis through our grounds and landscaping budgets.

We recommend the following:

1. That the consultants who have been designated to work on projects arising from "The Campus as Campus Centre" discussions be authorized to proceed with the general planning described above.

2. That the appropriate members of our Physical Plant Department be asked to work with the consultants to determine long-range plans (in conformity with the overall objectives stated in Section III) for annual improvements in the aesthetic quality of the whole campus, with initial attention to the west campus. (This Committee is also suggesting a plan in this area for the University's Sesquicentennial Planning Group.)

3. That detailed investigation be made of the financing and operation of new service facilities, initially a major new eating facility in the St. George-Wilcocks area with neighbourhood restaurants and cafes. The planners should consider siting problems for both of these facilities and should assist the Committee in determining the size and operating specifications of the restaurant. The size and operating specifications of the bank can be investigated independently.

4. That this Committee, or a successor, perhaps including representation from Physical Plant, be a sounding board for the consultants and a clearing-house for reaction to the objectives and proposals developed above.

5. That the planning process include consultation with neighbourhood groups and with affected University groups.

6. That this Report, together with "The Campus as Campus Centre" Summary be sent to neighbourhood and affected University groups with an invitation for written responses at this stage and that, if possible, the two documents be published in the University of Toronto Bulletin, and The Varsity.

7. That the master plan be prepared as quickly as possible, hopefully within 90 days of commissioning and briefing.

EXHIBITIONS

Purchasing exhibition. Art Gallery, Hart House, March 12-30.

Exhibition by Anthony (printmaker) and Eleanor (sculptor) Paine, Architecture, 230 College St. To March 21.

Paintings by Ludmila A. Muncifinger. Education, 371 Bloor St. W. To March 30.

COMING EVENTS

Friday 22 March

LECTURE - "The Illustrations of the Arabic Maqamat". Prof. Oleg Grabar. Room 4, ROM. 10.30 a.m. (SGS and Islamic Studies)

LECTURE: Renaissance Studies - "The Renaissance Dialogue: Work of Art or Instrument of Truth?" Prof. E. Kupper, Carleton University. Lecture Theatre, Library Science, 140 St. George St. 4 p.m. (Graduate Renaissance Studies)

SEMINAR: Transportation - "Planning Techniques: Problems and Prospects". Dr. Helmut Schuster, International Bank for Reconstruction and Development, Washington. Senate Chamber, S195 Ross Building, York University. 3 p.m. (U of T/York Joint Program)

THEATRE - "A Beach of Strangers" by John Reeves. Curtis Lecture Hall - H, York University. 8.30 p.m. (Drama Centre, U of T, and Faculty of Fine Arts, York)

SEMINAR: Medicine - "Modulation of Avian Gene Activity in Mouse-Chick Cell Hybrids". Dr. Seung-Hi Shin, Department of Genetics, Albert Einstein College of Medicine, New York. 417 Best Institute, 4 p.m. (Banting and Best)

SEMINARS: Theatre - "Theatre in French Canada" at 10 a.m.; "Amateur Theatre" at 11.30 a.m. Debates Room, Hart House (Drama Centre, U of T, and Faculty of Fine Arts, York). Books will leave Hart House for York University at 2.15 p.m. (see below)

SEMINAR: Theatre - "Radio Drama". Curtis Lecture Hall - H, York University. 3 p.m. (Drama Centre, U of T, and Faculty of Fine Arts, York)

COLLOQUIUM: Chemistry - "Cross Molecular Beam Studies of Atomic and Molecular Processes". Prof. Y.T. Lee, University of Chicago. 158 Lash Miller Chemical Laboratories. 4 p.m. (Chemistry)

Saturday 23 March

MUSIC - Cambridge University Chamber Choir. St. James Cathedral. 7 p.m. Tickets \$2.50 and \$3.50 at 65 Church St. or Entons.

Sunday 24 March

MUSIC - New Chamber Orchestra of Canada; soloist Gerard Kantarjian, violinist. Great Hall, Hart House. 8.30 p.m. Tickets \$4, students, \$2: cheques payable to the Orchestra and mail c/o the Warden, Hart House, U of T.

CONCERT: Music - University of Toronto Concert Choir, conductor Charles Heffernan. Final concert of season. Walter Hall, Edward Johnson Building. 3 p.m. No tickets. No charge. (Music)

Monday 25 March

COLLOQUIUM: Electromagnetism - "From Maxwell to Lorentz: The Neglected Years of Electromagnetism". Prof. Jed Z. Buchwald, Harvard University. Room 225, Library Science, 140 St. George St. 4 p.m. Refreshments 3.30 p.m. (IHPT)

LECTURE: Music - "Contemporary Music and Music Education in Great Britain". Dr. Anthony Milner, London. Eng. 116 Edward Johnson Building. 4.10 p.m. (Graduate Music)

Tuesday 26 March

LECTURE: Medicine - "Amino Acids and Synaptic Transmission". Dr. R. Nicoll, State University of New York at Buffalo. 2172 Medical Sciences Building. 5 p.m. (Neuroscience Institute, U of T, and Toronto Neurological Society)

LECTURE - "Yogic Direct Awareness as Means of Valid Cognition in Dharmakirti and Rgyal-tshab". Prof. Charlene McDermott, Department of Philosophy, University of New Mexico; visiting at University of California, Berkeley. Room 323, 280 Huron St. 3 p.m. (Sanskrit and Indian Studies)

LECTURE: Shakespeare - "Shakespeare's Dramatic Challenge". George Wilson Knight, Professor Emeritus, Leeds University, from 1931-40 Chancellor's Professor of English, Trinity College, U of T. Cartwright Hall, 44 Devonshire Place. 4.30 p.m. (Trinity College and Centre for Renaissance Studies) Free

LECTURE: Botany - "RNA Metabolism and Developmental Regulation in Higher Plants". Dr. Joseph Key, Division of Biology, University of Georgia. 5 p.m. Room 7, Botany Building. (SGS and Botany)

SEMINAR: Geology - "Dynamics of the Earth's Mantle". Dr. S. K. Runcorn, Department of Geophysics and Planetary Physics, University of Newcastle upon Tyne. 128 Mining Building. 4 p.m. Refreshments 3.30 p.m. (Geology)

SEMINAR: Economics - "Soviet Energy Decisions, World Markets, and Options for Western Energy Policy". Prof. Arthur W. Wright, Department of Economics, University of Massachusetts. 3050 Sidney Smith Hall. 4 p.m. (European Studies Committee, ISP)

MEETING - Joint meeting of Neurological Sciences and Orthopedics Sections. "Medical Management of Chronic Benign Pain". Dr. R. J. Evans; "Electroanalgesia and Management of Failed Back Syndrome". Dr. G. Vanderlinde; "On Acupuncture". Dr. K. Livingston and Dr. A. Joquin; "Psychogenic Regional Pain". Dr. I. Hector. Osler Hall, Academy of Medicine. 8 p.m. (Neuroscience Institute, U of T, and Toronto Neurological Society)

SEMINAR: Music - "Operas of Michael Tippett". Dr. Anthony Milner. 310 Edward Johnson Building. 11 a.m. (Graduate Music)

ENTERTAINMENT: Hart House - "Equinox: A Hart House evening extraordinary". Concerts, films, dancing, art exhibitions, debate, tournaments, etc., all evening long. Event begins at 6 p.m. (Hart House)

Wednesday 27 March

LECTURE: Slavic - "To See the World in a Grain of Sand". Prof. George Y. Shevelov, Department of Slavic Languages and Literatures, Columbia University. 2118 Sidney Smith Hall. 4 p.m. (Russian and East European Studies and Slavic Languages and Literatures)

LECTURES: Latin America - "The Image of the Brazilian Indian". Prof. Egon Schuchman, Latin American Research, U of T. 2117 Sidney Smith Hall. 4.10 p.m. (Latin American Studies Committee, ISP)

LECTURE: Witchcraft - "Current Historical Research on European Witchcraft in the 16th and 17th Centuries". Prof. Jonathan Pearl. H-215 Scarborough College. 12 noon (Scarborough College)

LECTURE: Romanticism and Historicism - Special international colloquium entitled "The Use and Abuse of History in Literature and the Arts". First of three lectures, "Romanticism and Historicism as Figures of Thought". Prof. Hayden White, Director, Center for the Humanities, Wesleyan University. Lecture Hall, Room 3, New Academic Building, Victoria College. 4.30 p.m. (Graduate Comparative Literature)

COLLOQUIUM: Psychology - "Integrity Groups - An Overview". Prof. O. Hobart Mowrer, University of Illinois (Urbana). 4.15 p.m. 2102 Sidney Smith Hall. (SGS and Psychology)

COLLOQUIUM: Libraries - "Libraries in the Yukon". Garth Graham. Library Science lecture theatre, 140 St. George St. 3 p.m. (Library Science)

MEETING - The Victoria Women's Association. Speaker, Dr. Jill K. Conway, U of T Vice-President - Internal Affairs. Wymindwood, 150 Charles St. W. 8 p.m.

PROGRAM: Women's Studies - "See you at the movies! Dance, Girl, Dance, Sambizanga. A Very Curious Girl". Faculty of Education. 7 p.m. Free

LITERARY READING - accompanied by English translation. Ludwing Zeller - Spanish. Bishop White Gallery, ROM. 5.30 p.m. Free

Thursday 28 March

LECTURE: Romanticism and Historicism - Special international colloquium entitled "The Use and Abuse of History in Literature and the Arts". Second of three lectures, "The History of the Poets". Prof. Geoffrey Hartman, Dept. of Comparative Literature, Yale University. Lecture Hall, Room 3, New Academic Building, Victoria College. 4.30 p.m. (Graduate Comparative Literature)

LECTURE - "Science and Medicine: the Moral Dimension" series. "Genetic Screening and Human Values: An Analysis". Prof. J. M. Gustafson, University Professor of Theological Studies, University of Chicago. Medical Sciences Auditorium. 8 p.m. (St. Michael's College and Medicine)

LECTURE - "Patterns and Problems of Growth" series. "Control of Environment Pollution". Dr. James E. Gullett. Medical Sciences Building. 7.45 p.m. (Continuing Studies)

LECTURE: Archaeology - "Hebrew University's Current Excavations in Cyprus". Dr. Amos Ben-Tor, Senior Lecturer in Archaeology, Hebrew University. Planetarium Lecture Room, ROM. 4 p.m. Free (Archaeology, ROM; Near Eastern Studies, Jewish Studies Program)

CONCERT: Music - Final Thursday Evening Series concert of the season. Harpsichordist Igor Kipnis, Walter Hall, Edward Johnson Building. 8.30 p.m. Tickets \$4, students \$2. Box Office 928-3744. (Music)

Program in Women's Athletics April 1-11

A special two-week program is being offered April 1 to April 11 by the Department of Athletics and Recreation-Women at the Benson Building. Archery, ballroom dance, fencing, golf, tennis, basic life saving, survival swimming and swim stroke correction courses will be offered to women daily or three times weekly. Registrants are expected to attend a session a day to provide the best learning experience. Equipment for these courses is also provided. The opportunity of practice or purely recreational participation will also be provided in badminton, golf, tennis and swimming.

Introductory opportunities for individually prescribed fitness programs with follow-up evaluation will be available. Women interested are encouraged to come for a fitness appraisal and program during the week of April 1 to April 5. Attendance only once is required, al-

though daily visits would be more valuable. Complementary to this are the on-going "slim and trim" programs during the two-week period as well as two classes in modern rhythmic gymnastics on Monday and Wednesday evenings.

C-ed opportunities in the program are provided through the archery, ballroom dance, and fencing courses as well as a swim dip on Wednesdays, 6.30 to 8 p.m. All members of the University community who are members of the Women's Athletic Association are eligible to participate. Others may join the program at a cost of \$5. This will allow full participation in the special two-week program as well as use of available facilities for recreation until the end of April. It is the hope of the Department that this program will not only increase the awareness of opportunities among the women of the University, but it should provide the skills for continued recreational participation.

To announce Grad scholarships April 1

Prof. V. E. Graham is chairman of the Selection Board for the new \$3,000,000 Ontario Graduate Scholarships program. Under this scheme which replaces the former POG fellowship program, 1,000 awards are available on a competitive

basis to graduate students in all disciplines except Theology.

Each of the fifteen provincially-supported universities was entitled to nominate ten students for institutional awards tenable only at the university in question. The remaining 850 which are available and may be used at any Ontario university were judged in an open competition.

The seven-member interdisciplinary Selection Board was assisted in the evaluation of applications by fourteen academic panels, each consisting of three members representative of different universities and disciplines. Final recommendations were then made by the Selection Board and it is expected that awards will be offered to successful candidates about April 1 at the same time as other institutional and national competitions.

UTIAS anniversary

In 1974 the U of T Institute for Aerospace Studies will be twenty-five years old. To commemorate this anniversary a Quarter-Century Symposium has been scheduled for April 1 and 2. Many events are planned, built around three technical sessions. Highlights will include tours of the Institute's research facilities, luncheon speakers and a banquet at Hart House on April 1.

Added significance is attached to the symposium inasmuch as Dr. Patterson will retire on June 30, 1974. To recognize his profound contribution to U.T.I.A.S., both as its founder and its distinguished leader over the past twenty-five years, two annual awards are being inaugurated at this symposium in his honour: a lecture by a distinguished alumnus, and an award for an outstanding research contribution by a graduate student.

Readers are cordially invited to attend this symposium. Further information may be obtained by writing Prof. G.W. Johnston, Institute for Aerospace Studies, University of Toronto, 4925 Dufferin Street, Downsview, Ontario M3H 5T6. Phone 667-7704.

Seminar on Theatre

"Canadian Theatre before the Sixties - a Celebration and an Exploration" is the subject of a two-day seminar being sponsored this week jointly by the U of T's Graduate Centre for Study of Drama and the Faculty of Fine Arts of York University. Sessions on Thursday and Friday morning will be in Hart House Debates Room. On Friday afternoon and evening they will be in Curtis Hall at York.

The seminar has been planned to coincide with the opening on Thursday of the final play of the Drama Centre's season at Hart House Theatre, Merrill Denison's *Marsh Hay*. Although the play was written more than 50 years ago, this student production is the first in Canada.